

PreK SCIENCE

Grade Level expectation	PLT activities
Science as Inquiry The Abilities to Do Scientific Inquiry	
1. Ask questions about objects and events in the environment (e.g., plants, rocks, storms) (PK-CS-I1) (SI-E-A1)	The Shape of Things Sounds Around Get in Touch with Trees We All Need Trees Signs of Fall Evergreens in Winter Bursting Buds Adopt a Tree To Be a Tree Trees as Habitats Three Cheers for Trees
2. Pose questions that can be answered by using students' own observations and scientific knowledge (PK-CS-I1) (SI-E-A1)	The Shape of Things Sounds Around Get in Touch with Trees We All Need Trees Signs of Fall Evergreens in Winter Bursting Buds Adopt a Tree To Be a Tree Trees as Habitats Three Cheers for Trees
3. Use the five senses to describe observations (PK-CS-P3) (SI-E-A3)	The Shape of Things Sounds Around Get in Touch with Trees We All Need Trees Signs of Fall Evergreens in Winter Bursting Buds Adopt a Tree To Be a Tree Trees as Habitats Three Cheers for Trees
4. Select and use developmentally appropriate equipment and tools and units of measurement to observe and collect data (PK-CS-I4) (SI-E-A4)	Sounds Around: Outdoor Play We All Need Trees: Feature Experience, Outdoor Play Signs of Fall: Outdoor Play Bursting Buds: Outdoor Play, Discovery Table Adopt a Tree: Art, Outdoor Play To Be a Tree: Outdoor Play
5. Express data in a variety of ways by constructing illustrations, graphs, charts, tables, concept maps, and oral and written explanations as appropriate (PK-CS-I5) (SI-E-A5) (SI-E-B4)	The Shape of Things Sounds Around Get in Touch with Trees We All Need Trees Signs of Fall Evergreens in Winter Bursting Buds Adopt a Tree To Be a Tree Trees as Habitats Three Cheers for Trees
6. Use a variety of appropriate formats to describe procedures and to express ideas about demonstrations or	The Shape of Things Sounds Around Get in Touch with Trees We All Need Trees

experiments (e.g., drawings, journals, reports, presentations, exhibitions, portfolios) (PK-CS-I5) (SI-E-A6)	Signs of Fall Evergreens in Winter Bursting Buds Adopt a Tree To Be a Tree Trees as Habitats Three Cheers for Trees
7. Identify and use appropriate safety procedures and equipment when conducting investigations (e.g., gloves, goggles, hair ties) (PK-CS-I4) (SI-E-A7)	The Shape of Things Sounds Around Get in Touch with Trees We All Need Trees Signs of Fall Evergreens in Winter Bursting Buds Adopt a Tree To Be a Tree Trees as Habitats Three Cheers for Trees
Understanding Scientific Inquiry	
8. Recognize that a variety of tools can be used to examine objects at different degrees of magnification (e.g., hand lens, microscope) (PK-CS-I4) (SI-E-B3)	The Shape of Things: Outdoor Play Evergreens in Winter: Discovery Table Bursting Buds: Discovery Table
Physical Science Properties of Objects and Materials	
9. Sort objects using one characteristic (PK-CS-P2) (PS-E-A1)	The Shape of Things: Introducing the Theme Get in Touch with Trees: Math and Manipulatives Signs of Fall: Math and Manipulatives Evergreens in Winter: Math and Manipulatives Bursting Buds: Math and Manipulatives Three Cheers for Trees: Discovery Table
10. Determine whether objects float or sink through investigations (PK-CS-P1) (PS-E-A1)	
11. Describe properties of materials by using observations made with the aid of equipment such as magnets, magnifying glasses, pan balances, and mirrors (PK-CS-P4) (PS-E-A2)	The Shape of Things: Outdoor Play Evergreens in Winter: Discovery Table Bursting Buds: Outdoor Play, Discovery Table Adopt a Tree: Outdoor Play
12. Determine whether one object weighs more or less than another by using a pan balance (PK-CS-I4) (PS-E-A2)	
13. Compare the properties of different solids and liquids through observation (PK-CS-P1) (PS-E-A4)	
14. Identify components of simple mixtures (e.g., salt/water, rice/beans, iron filings/sand) (PK-CS-P1) (PS-E-A5)	
Position and Motion of Objects	
15. Demonstrate motion by using students' own bodies (PK-CS-P3) (PS-E-B3)	The Shape of Things: Music and Movement We All Need Trees: Music and Movement Signs of Fall: Music and Movement, Enjoying Snacks Together Evergreens in Winter: Music and Movement, Outdoor Play, Dramatic Play Bursting Buds: Music and Movement, Outdoor Play Adopt a Tree: Music and Movement

	To Be a Tree: Music and Movement, Outdoor Play Trees as Habitats: Music and Movement, Outdoor Play
16. Explore the motion of objects by using balls, toy cars, or spinning tops (PK-CS-I2) (PS-E-B3)	Sounds Around: Outdoor Play
Forms of Energy	
17. Identify different sounds as <i>soft</i> or <i>loud</i> (PK-CS-P3) (PS-E-C1)	Sounds Around
18. Identify selected substances as <i>hot</i> or <i>cold</i> (PK-CS-P2) (PS-E-C3)	Evergreens in Winter: Taking Neighborhood Walks Bursting Buds: Taking Neighborhood Walks
Life Science Characteristics of Organisms	
19. Identify parts of the body and how they move (PK-CS-L1) (LS-E-A3)	To Be a Tree: Introducing the Theme, Art
20. Give examples of different kinds of plants and different kinds of animals (PK-CS-L1) (LS-E-A4)	Sounds Around: Feature Experience Signs of Fall: Outdoor Play Evergreens in Winter Bursting Buds Adopt a Tree To Be a Tree Trees as Habitats
21. Distinguish food items from nonfood items (PK-CS-L1) (LS-E-A6)	Three Cheers for Trees
Life Cycles of Organisms	
22. Learn about animals and plants through nonfiction literature (PK-CS-L1) (LS-E-B1)	The Shape of Things: Reading Connections Sounds Around: Reading Connections Get in Touch with Trees: Reading Connections We All Need Trees: Reading Connections Signs of Fall: Reading Connections Evergreens in Winter: Reading Connections Bursting Buds: Reading Connections Adopt a Tree: Reading Connections To Be a Tree: Reading Connections Trees as Habitats: Reading Connections Three Cheers for Trees: Art, Reading Connections
23. Observe and care for pets and plants (PK-CS-L1) (LS-E-B1)	Bursting Buds Adopt a Tree
Organisms and Their Environments	
24. Describe plants and animals in the schoolyard or home environments (PK-CS-L1) (LS-E-C1)	The Shape of Things Sounds Around Get in Touch with Trees We All Need Trees Signs of Fall Evergreens in Winter Bursting Buds Adopt a Tree To Be a Tree Trees as Habitats Three Cheers for Trees
Earth and Space Science Properties of Earth Materials	
25. Explore and describe various properties of rocks, minerals, and soils (PK-CS-L2) (ESS-E-A1)	Bursting Buds: Taking Neighborhood Walks To Be a Tree: Outdoor Play
26. Describe the weather and its daily	

changes (PK-CS-ES2) (ESS-E-A4)	
27. Describe different types of weather students have experienced and give examples of how daily activities and appropriate attire are affected by weather conditions (PK-CS-ES2) (ESS-E-A4)	

PreK SOCIAL STUDIES

Grade level expectation	PLT activities
Geography The World in Spatial Terms	
1. Identify representations of roads, bodies of water, and buildings in play activities (PK-CSS-G1) (G-1A-E1)	
2. Demonstrate an awareness of the world around them (e.g., provide simple information about a trip the student has taken or where the student lives) (PK-CSS-G3) (G-1A-E2)	
Civics Structure and Purposes of Government	
3. Identify community workers and their jobs (PK-CSS-C1) (C-1D-E3) (C-1D-E4)	Three Cheers for Trees: Dramatic Play
4. Discuss ways people can help each other (e.g., sharing, paying attention, and taking turns) (PK-SE-C1) (C-1D-E4)	Three Cheers for Trees
5. Participate in patriotic activities (PK-CSS-C2) (C-1D-E4)	
Economics Fundamental Economic Concepts	
6. Demonstrate an awareness of the uses of money in play activities (PK-CSS-E1) (E-1A-E3)	
History Historical Thinking Skills	
7. Demonstrate an awareness of time by using and responding to such words as <i>yesterday</i> , <i>today</i> , and <i>tomorrow</i> (PK-CSS-H1) (H-1A-E1)	

PreK MATH

Grade level expectation	PLT activities
Number and Number Relations	
1. Count by ones to 10 (PK-CM-N3) (N-1-E) (N-3-E)	The Shape of Things: Enjoying Snacks Together Signs of Fall: Math and Manipulatives

	<p>Evergreens in Winter: Taking Neighborhood Walks Bursting Buds: Math and Manipulatives To Be a Tree: Taking Neighborhood Walks, Math and Manipulatives Three Cheers for Trees: Discovery Table</p>
2. Count a set of 5 or fewer objects by establishing a 1-to-1 correspondence between number names and objects (PK-CM-N2) (N-1-E)	<p>The Shape of Things: Enjoying Snacks Together Signs of Fall: Math and Manipulatives Bursting Buds: Math and Manipulatives To Be a Tree: Math and Manipulatives Three Cheers for Trees: Discovery Table</p>
3. Identify an object's position as first or last (PK-CM-G3) (N-1-E)	
4. Identify numerals 1 to 5 (PK-CM-N5) (N-1-E) (N-3-E)	
5. Compare sets of objects using the words <i>same/different</i> and <i>more/less/fewer</i> (PK-CM-N1) (N-3-E) (N-7-E)	<p>The Shape of Things: Math and Manipulatives Get in Touch with Trees: Math and Manipulatives We All Need Trees: Discovery Table Signs of Fall: Math and Manipulatives Evergreens in Winter Adopt a Tree: Feature Experience, Outdoor Play To Be a Tree: Math and Manipulatives</p>
Measurement	
6. Use comparative vocabulary in measurement settings (e.g., <i>long/longer, short/shorter, more/less, hotter/colder, heavier/lighter, bigger/smaller</i>) (PK-CM-M3) (M-1-E) (M-2-E) (M-3-E)	<p>The Shape of Things: Introducing the Theme, Feature Experience Signs of Fall: Introducing the Theme, Math and Manipulatives Evergreens in Winter: Introducing the Theme, Feature Experience, Taking Neighborhood Walks, Math and Manipulatives Bursting Buds: Feature Experience, Discovery Table, Math and Manipulatives Adopt a Tree: Feature Experience, Enjoying Snacks Together, Discovery Table, Math and Manipulatives To Be a Tree: Taking Neighborhood Walks, Discovery Table, Math and Manipulatives Three Cheers for Trees: Discovery Table, Woodworking</p>
7. Use words such as <i>day, week, month, schedule, morning, noon, night</i> (PK-CM-M1) (M-2-E)	<p>Evergreens in Winter: Feature Experience</p>
Geometry	
8. Identify rectangles, squares, circles, and triangles using concrete models (G-2-E)	<p>The Shape of Things</p>
9. Sort concrete objects by an attribute (e.g., shape, size, color) (PK-CM-D1) (G-2-E) (D-1-E)	<p>The Shape of Things: Introducing the Theme Get in Touch with Trees: Math and Manipulatives Signs of Fall: Math and Manipulatives Evergreens in Winter: Math and Manipulatives Bursting Buds: Math and Manipulatives Three Cheers for Trees: Discovery Table</p>
10. Use words that indicate direction and position of an object (e.g., up, down, over, under, above, below, beside, in, out, behind) (PK-CM-G3) (G-3-E)	<p>The Shape of Things: Outdoor Play, Math and Manipulatives Get in Touch with Trees: Music and Movement Signs of Fall: Enjoying Snacks Together, Outdoor Play Adopt a Tree: Music and Movement</p>
11. Recognize and manipulate an object's position in space (e.g., blocks, assembling puzzles) (PK-CM-G3) (G-3-E) (G-4-E)	<p>The Shape of Things: Math and Manipulatives Evergreens in Winter: Outdoor Play, Woodworking To Be a Tree: Enjoying Snacks Together, Outdoor Play, Math and Manipulatives</p>
Data Analysis, Probability, and Discrete Math	
12. Arrange objects or pictures of objects to make an object or picture graph (PK-CM-D2) (D-4-E)	<p>Signs of Fall: Math and Manipulatives We All Need Trees: Discovery Table Bursting Buds: Math and Manipulatives To Be a Tree: Math and Manipulatives</p>

Patterns, Relations, and Functions

<p>13. Recognize and copy repeated patterns (e.g., concrete objects, songs, rhymes, and body movements) (PK-CM-P1) (PK-CM-P2) (P-1-E) (P-3-E)</p>	<p>The Shape of Things: Music and Movement Sounds Around Get in Touch with Trees: Music and Movement We All Need Trees: Music and Movement Signs of Fall: Music and Movement, Outdoor Play Evergreens in Winter: Feature Activity, Dramatic Play Bursting Buds: Music and Movement Adopt a Tree: Music and Movement To Be a Tree: Music and Movement Trees as Habitats: Music and Movement Three Cheers for Trees: Music and Movement</p>
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preK LANGUAGE ARTS

Grade level expectation	PLT activities
Reading and Responding	
<i>Standard 1:</i>	
<p>1. Demonstrate understanding of phonological awareness. (PK-LL-L3) (ELA-1-E1)</p>	<p>The Shape of Things Sounds Around Get in Touch with Trees We All Need Trees Signs of Fall Evergreens in Winter Bursting Buds Adopt a Tree To Be a Tree Trees as Habitats Three Cheers for Trees</p>
<p>2. Demonstrate understanding of phonemic awareness by manipulating and identifying individual sounds (phonemes) in spoken words with three sounds (PK-LL-L3) (ELA-1-E1)</p>	
<p>3. Demonstrate understanding of alphabetic principle. (PK-LL-L3) (ELA-1-E1)</p>	
<p>4. Orally respond to questions using new vocabulary introduced in conversations, activities, stories, or books (PK-LL-L4) (ELA-1-E1)</p>	<p>The Shape of Things Sounds Around Get in Touch with Trees We All Need Trees Signs of Fall Evergreens in Winter Bursting Buds Adopt a Tree To Be a Tree Trees as Habitats Three Cheers for Trees</p>
<p>5. Demonstrate understanding of book and print concepts. (PK-LL-R3) (ELA-1-E2)</p>	
<p>6. Relate pictures to characters (PK-LL-R4) (ELA-1-E4)</p>	<p>Sounds Around: Reading and Writing We All Need Trees: Reading and Writing Signs of Fall: Reading and Writing Evergreens in Winter: Feature Experience, Reading and Writing Bursting Buds: Feature Experience Trees as Habitats: Music and Movement Three Cheers for Trees: Reading and Writing, Art</p>
<p>7. Role-play using different voices to</p>	<p>Evergreens in Winter: Dramatic Play</p>

represent characters in familiar stories (PK-LL-S1) (ELA-1-E4)	Trees as Habitats: Music and Movement. Dramatic Play Three Cheers for Trees: Dramatic Play
8.Listen to a story and state orally what the story is about (PK-LL-R1) (PK-LL-R2) (PK-LL-L1) (ELA-1-E5)	Sounds Around: Reading and Writing We All Need Trees: Reading and Writing Signs of Fall: Reading and Writing Evergreens in Winter: Feature Experience, Reading and Writing Bursting Buds: Feature Experience Trees as Habitats: Music and Movement Three Cheers for Trees: Reading and Writing
9.Answer simple questions about a story read aloud (PK-LL-S3) (PK-LL-R4) (ELA-1-E5)	Sounds Around: Reading and Writing We All Need Trees: Reading and Writing Signs of Fall: Reading and Writing Evergreens in Winter: Feature Experience, Reading and Writing Bursting Buds: Feature Experience Trees as Habitats: Music and Movement Three Cheers for Trees: Reading and Writing, Art
10.Share related life experiences after stories are read aloud (PK-LL-L1) (PK-LL-S1) (ELA-1-E6)	Sounds Around: Reading and Writing We All Need Trees: Reading and Writing Signs of Fall: Reading and Writing Evergreens in Winter: Feature Experience, Reading and Writing Bursting Buds: Feature Experience Trees as Habitats: Music and Movement Three Cheers for Trees: Reading and Writing, Art
11.Orally express thoughts about characters or events in a story (PK-LL-S1) (PK-LL-S2) (PKS-LL-R2) (ELA-1-E6)	Sounds Around: Reading and Writing We All Need Trees: Reading and Writing Signs of Fall: Reading and Writing Evergreens in Winter: Feature Experience, Reading and Writing Bursting Buds: Feature Experience Trees as Habitats: Music and Movement Three Cheers for Trees: Reading and Writing, Art
Standard 7:	
12.Demonstrate understanding of texts read aloud using a variety of strategies, including. (PK-LL-R2) (ELA-7-E1)	Sounds Around: Reading and Writing We All Need Trees: Reading and Writing Signs of Fall: Reading and Writing Evergreens in Winter: Feature Experience, Reading and Writing Bursting Buds: Feature Experience Trees as Habitats: Music and Movement Three Cheers for Trees: Reading and Writing, Art
13.Identify problems and solutions in stories that are read aloud (PK-LL-R2) (ELA-7-E2)	Sounds Around: Reading and Writing We All Need Trees: Reading and Writing Signs of Fall: Reading and Writing Evergreens in Winter: Feature Experience, Reading and Writing Bursting Buds: Feature Experience Trees as Habitats: Music and Movement Three Cheers for Trees: Reading and Writing, Art
14.Use simple reasoning skills. (PK-LL-S3) (ELA-7-E4)	Sounds Around: Reading and Writing We All Need Trees: Reading and Writing Signs of Fall: Reading and Writing Evergreens in Winter: Feature Experience, Reading and Writing Bursting Buds: Feature Experience Trees as Habitats: Music and Movement Three Cheers for Trees: Reading and Writing, Art
Writing	
Standard 2:	
15.Use scribble writing, letter-like forms, dictation, or drawing to represent a word or concept (PK-LL-W1) (PK-LL-W2) (PK-LL-W3) (ELA-2-E1)	The Shape of Things: Reading and Writing Get in Touch with Trees: Reading and Writing We All Need Trees: Reading and Writing Signs of Fall: Reading and Writing Evergreens in Winter: Reading and Writing Adopt a Tree: Reading and Writing

	To Be a Tree: Reading and Writing Trees as Habitats: Reading and Writing Three Cheers for Trees: Reading and Writing
16.Orally generate words, ideas, and lists for group writing activities (PK-LL-W3) (ELA-2-E3)	The Shape of Things: Reading and Writing Get in Touch with Trees: Reading and Writing We All Need Trees: Reading and Writing Signs of Fall: Reading and Writing Evergreens in Winter: Reading and Writing Bursting Buds: Reading and Writing Adopt a Tree: Reading and Writing To Be a Tree: Reading and Writing Trees as Habitats: Reading and Writing Three Cheers for Trees: Reading and Writing
17.Write informal notes, lists, and letters using scribble writing and/or pictures (PK-LL-W2) (PK-LL-W3) (PK-LL-W4) (ELA-2-E4)	
18.Participate in group-shared writing activities that include rhyming and descriptive words (PK-LL-W3) (PK-LL-W4) (PK-LL-L3) (ELA-2-E5)	The Shape of Things: Reading and Writing Get in Touch with Trees: Reading and Writing We All Need Trees: Reading and Writing Signs of Fall: Reading and Writing Evergreens in Winter: Reading and Writing Adopt a Tree: Reading and Writing To Be a Tree: Reading and Writing Trees as Habitats: Reading and Writing Three Cheers for Trees: Reading and Writing
19.Scribble write or draw a picture of a life experience or response to a text read aloud (PK-LL-W2) (PK-LL-W4) (ELA-2-E6)	The Shape of Things: Reading and Writing Get in Touch with Trees: Reading and Writing We All Need Trees: Reading and Writing Signs of Fall: Reading and Writing Evergreens in Winter: Reading and Writing Adopt a Tree: Reading and Writing To Be a Tree: Reading and Writing Trees as Habitats: Reading and Writing Three Cheers for Trees: Reading and Writing
Writing/Proofreading	
Standard 3:	
20.Demonstrate consistent top-to-bottom formation for letters or letter-like forms (PK-LL-W2) (ELA-3-E1)	
Speaking and Listening	
Standard 4:	
21.Use words, phrases, and/or sentences to express feelings, ideas, needs, and wants (PK-LL-S1) (PK-LL-S2) (ELA-4-E1)	The Shape of Things Sounds Around Get in Touch with Trees We All Need Trees Signs of Fall Evergreens in Winter Bursting Buds Adopt a Tree To Be a Tree Trees as Habitats Three Cheers for Trees
22.Carry on a conversation about a topic, thought, or idea from the classroom, home, or community (PK-LL-S1) (PK-LL-S3) (ELA-4-E1)	The Shape of Things Sounds Around Get in Touch with Trees We All Need Trees Signs of Fall Evergreens in Winter

	<p>Bursting Buds Adopt a Tree To Be a Tree Trees as Habitats Three Cheers for Trees</p>
<p>23.Repeat an instruction given orally (PK-LL-S1) (ELA-4-E2)</p>	<p>The Shape of Things Sounds Around Get in Touch with Trees We All Need Trees Signs of Fall Evergreens in Winter Bursting Buds Adopt a Tree To Be a Tree Trees as Habitats Three Cheers for Trees</p>
<p>24.Follow one- and two-step verbal and nonverbal directions (PK-LL-L2) (ELA-4-E2)</p>	
<p>25.Retell part of a favorite story (PK-LL-R2) (ELA-4-E3)</p>	<p>Sounds Around: Reading and Writing We All Need Trees: Reading and Writing Signs of Fall: Reading and Writing Evergreens in Winter: Feature Experience, Reading and Writing Bursting Buds: Feature Experience Trees as Habitats: Music and Movement Three Cheers for Trees: Reading and Writing, Art</p>
<p>26.Speak about life experiences or topics of interest (PK-LL-S3) (ELA-4-E4)</p>	<p>The Shape of Things Sounds Around Get in Touch with Trees We All Need Trees Signs of Fall Evergreens in Winter Bursting Buds Adopt a Tree To Be a Tree Trees as Habitats Three Cheers for Trees</p>
<p>27.Actively participate in role-playing, creative dramatics, finger plays, nursery rhymes and choral speaking (PK-LL-R1) (PK-LL-S2) (PK-LL-L3) (PK-LL-L4) (ELA-4-E5)</p>	<p>Evergreens in Winter: Dramatic Play Trees as Habitats: Music and Movement. Dramatic Play Three Cheers for Trees: Dramatic Play</p>
<p>28.Listen and orally respond to questions about media, including music and videos (PK-LL-L5) (ELA-4-E6)</p>	<p>The Shape of Things Sounds Around Get in Touch with Trees We All Need Trees Signs of Fall Evergreens in Winter Bursting Buds Adopt a Tree To Be a Tree Trees as Habitats Three Cheers for Trees</p>
<p>29.Recognize and follow agreed-upon rules for discussing, such as raising one's hand, waiting one's turn, and speaking one at a time (PK-LL-S1) (PK-SE-C1) (ELA-4-E7)</p>	

Information Resources

Standard 5:

30. Identify a computer mouse and its purpose (i.e., to navigate the screen) (PK-LL-L5) (ELA-5-E1)

31. Identify and use information that is formatted in a chart or graph, such as a daily schedule (PK-LL-S1) (ELA-5-E6)